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**Lin**

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(54) **WASTE BIN STRUCTURE**

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(58) **Field of Search** ..... **220/263, 264,**  
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(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,785,964 A \* 11/1988 Miller et al. .... 220/263  
4,913,308 A \* 4/1990 Culbertson ..... 220/263  
5,163,574 A \* 11/1992 Susan ..... 220/263  
5,170,904 A \* 12/1992 Neuhaus ..... 220/263

5,230,525 A \* 7/1993 Delmerico et al. .... 220/263  
5,249,693 A \* 10/1993 Gillispie et al. .... 220/263  
5,295,607 A \* 3/1994 Chang ..... 220/263  
5,531,348 A \* 7/1996 Baker et al. .... 220/263  
6,024,238 A \* 2/2000 Jaros ..... 220/263

\* cited by examiner

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(57) **ABSTRACT**

A waste bin structure includes an inner barrel, an outer barrel, and a barrel lid. The lid cover includes an inner cover, an outer cover, and a locking portion. The inner cover is provided with a touch portion that may be pressed to pivot the inner cover upward independently. The outer barrel has a connecting portion defining a hanging recess, and the inner barrel is provided with a hanging hook portion secured in the hanging recess. The outer barrel is provided with a hood to form a handle portion of the outer barrel, so that the outer barrel is portable. The lid cover of the waste bin structure can be opened by a triggering action, and alternatively by a stepping action of a foot.

**1 Claim, 14 Drawing Sheets**

